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TRANSMITTAL FORM

(to be used for all correspondence during pendency of filed application)

Application Number	10/806,730
Filing Date	March 22, 2004
First Named Inventor	Yi-Lung Kuo
Group Art Unit Number	2841
Examiner Name	DAMEON E. LEVI
Total Number of Pages in This Submission: 6	
Attorney Docket Number	23724-07787

ENCLOSURES *(check all that apply)*

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  [ ] Sheet(s) of Figure(s) [ ]
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- ☐ Certified Copy of Priority Document(s)
- ☐ After Allowance Communication to Group
- ☒ Statement of Accurate Translation of Non-English Language Prior-Filed Provisional Application Pursuant to 37 C.F.R. § 1.78(a)(5)(iv)
- ☐ _____
- ☐ _____
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- ☐ _____

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT

Signature:			
Attorney/Reg. No.:	Robert A. Hulse. No. 48,473	Dated:	June 9, 2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including any enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Signature:			
Typed or Printed Name:	Robert A. Hulse	Dated:	June 9, 2005
Express Mail Mailing Number (*optional*):			

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANTS:	Kuo Yi-Lung
APPLICATION NO.:	10/806,730
FILING DATE:	March 22, 2004
TITLE:	Interface Card Fixture for a Computer System
EXAMINER:	Dameon E. Levi
GROUP ART UNIT:	2841
ATTY. DKT. NO.:	23724-07787

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Dated: June 9, 2005 By: Robert A. Hulse

Robert A. Hulse, Reg. No. 48,473

COMMISSIONER FOR PATENTS
P.O. BOX 1450
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STATEMENT OF ACCURATE TRANSLATION OF NON-ENGLISH-LANGUAGE PRIOR-FILED PROVISIONAL APPLICATION PURSUANT TO 37 C.F.R. § 1.78(a)(5)(iv)

Sir:

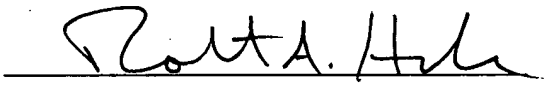
The above-identified application claims the benefit of U.S. Provisional Application No. 60/456,352, filed March 20, 2003, which was filed in a language other than English. In accordance with 37 C.F.R. § 1.78(a)(5)(iv), Applicant hereby submits an English-language translation of the non-English-language prior-filed provisional application and a statement that the translation is accurate.

Applicant engaged the services of a competent translator to obtain the attached English translation. Accordingly, the attached English translation is believed to be an accurate translation of the non-English-language prior-filed provisional application, upon which the above-referenced utility patent application is based.

If it is believed for any reason that direct contact would resolve any remaining issues in this matter, the Patent Office is encouraged to telephone the undersigned at the number given below.

Respectfully submitted,
KUO YI-LUNG

Dated: June 9, 2005

By: 

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Design name: PCI Assemble

Abstract:

This design covers a PCI assemble which consists of a PC chassis with at least one PCI slot opening and one hold-down opening and two lockholes on upper side, a PCI card with a bottom terminal for plugging onto slot on motherboard and an external one for connection to another device, a bracket fixed onto the PCI card, with an opening right-angled keylock on its upper end and an external terminal opening, and a hold-down clamp with two outward folds on its bottom side, slightly bigger than and corresponding to the lockholes. When the PCI card is plugged onto the slot, its bracket seals the PCI lot opening with its keylock sticking out to lower part of the hold-down opening, and the hold-down clamp seals the PCI slot opening automatically. The clamp is fastened onto the chassis with screws through its screw holes and the lockholes.

Design description:

To meet specific requirements, the PC is always equipped with peripheral component interconnection. The PCI card can be a network card, a modem and the like.

A motherboard is integrated with some PCI slots to enable customers to plug different PCI cards to process output signals. For this reason, the PC chassis always comes with multiple slot openings covered with hold-down clamps which can be removed before and restored after plugging PCI cards onto the slots. This has been the prevailing configuration of PC chassis.

Reliability and stability of the PCI cards, however, depends on its firm installation. Any failure will affect operation of the PC.

In view of this, Applicant, experienced in development and manufacture and marketing of PC products in the past years, has overcome the above-mentioned limitations through tests and launched this design, PCI assemble.

To discuss technical details of this design, please refer to the following illustrations. Figure 1 shows PC chassis (partial) and exploded view of the PCI cards used in the design. And Figure 2 illustrates scheme of installation of the PCI cards used in the design.

This installation covers one PC chassis (1), one PCI card (2), at least one bracket (3), and one hold-down clamp (4), as showed in the figures.

The PC chassis in this design accommodates the mainboard, with two vertical slot openings (11) for the external PCI connections. Multiple slot openings are available. Two bottom openings (12) on the PC chassis (1) accommodate the lower end of the brackets (3). The hold-down opening (13) above the slot openings enables the keylock of the bracket to stand out. There are two vertical lockholes (14) above the hold-down

opening.

The PCI cards (2), the prior art, can be network cards, modems, etc. with external terminals for connection to other devices, and bottom terminals for plugging onto the slots on the motherboard. We do not discuss these devices, the prior art, here.

The narrow brackets (3) fastened onto the PCI cards (2) expose external terminals for connection through openings, whose dimensions correspond to the lot openings (11). This is the prior art. Novelty in this design is the right-angle keylock (31) design so that it can stick out to the lower part of the hold-down opening (13).

The hold-down clamp (4), slightly bigger than the hold-down opening (13), is used to cover the opening. It is fixed onto the chassis through the lockhole (14) and its screw hole (41). There are two outward folds (42) on its bottom side to match the brackets (3).

When installation according to the illustrations, fasten brackets (3) onto the PCI cards, allowing their keylocks (31) to stick out to the lower part of the hold-down opening (13), and their lower ends to go through the bottom openings (12) on the PC chassis (1). Then, install the hold-down clamp (4) onto the hold-down opening (13), with its folds matching the brackets (3), and fix it with screws through the hold-down opening (13) and the lockholes (14). The hold-down clamp (4) presses the brackets (3) tightly.

The brackets (3) stick out of the bottom of the PC chassis (1) but the projection is shorter than height of foot pad. This configuration helps lower position of the PCI slot openings (11), making a contribution to decrease in height of the PC chassis. Furthermore, the hold-down clamp (4) presses the brackets (3) tightly so that the PCI cards (2) can not move to ensure their reliability.

The design is an optimal implementation. Any modification derived from this design by those who are familiar to it is subject to scope of this design patent.

In a word, this design is significantly different from the prior art with regard to purpose, way and effect. This utility innovation meets all requirements for application for a design patent. We request Commissioner of Patents and Trademarks to examine our claim, and make a patent grant decision at the earliest opportunity.

Illustrations:
Figure 1: PC chassis (partial) and exploded view of the PCI assemble used in the design.
Figure 2: Scheme of installation of the PCI assemble used in the design.

Caption:

PC chassis	1	PCI cards	2	bracket	3
hold-down clamp	4	slot opening	11	bottom opening	12
hold-down opening	13	lockhole	14	keylock	31
screw hole	41	fold	42		

Scope of the Claims:

1. One PCI assemble, including:

   One PC chassis with at least one PCI slot opening, one hold-down opening and two lockholes on upper side;

   One PCI card with one bottom terminal for plugging onto slot on motherboard and one external one for connection to another device;

   One bracket fixed onto the PCI card, with an opening right-angled keylock on its upper end, corresponding to the PCI slot opening;

   One hold-down clamp with two screw holes on upper side and two right-angled folds on bottom side, slightly bigger than and corresponding to the hold-down opening;

   When the PCI card is plugged onto the slot on the motherboard, the bracket seals the slot opening with the keylock sticking out to the lower part of the hold-down opening, and the hold-down clamp seals the slot opening automatically. The clamp is fastened onto the chassis with screws through its screw holes and the lockholes.

2. With regard to the PCI assemble mentioned in 1, the lower end of the bracket sticks out of the bottom of the PC chassis but the projection is shorter than height of foot pad.

3. With respect to the PCI assemble mentioned in 1, two or more PCI slot openings and brackets are required. Single hold-down clamp design is used.